

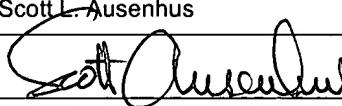


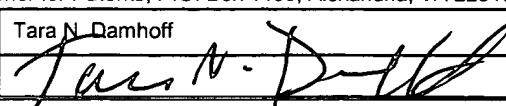
01-30-04

RCE/1600  
PTO/SB/21 (08-03) *[Signature]*

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/688,017
		Filing Date	October 13, 2000
		First Named Inventor	Lu, Peter S.
		Art Unit	1644
		Examiner Name	Belyavskyi, Michail A.
Total Number of Pages in This Submission		Attorney Docket Number	020054-001110US

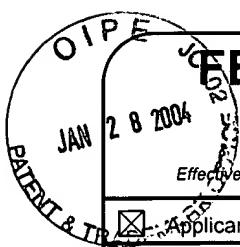
ENCLOSURES (Check all that apply)			
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input checked="" type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer  <input checked="" type="checkbox"/> Request for Continued Examination (RCE) <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>  Return Postcard Interview Summary	
		Remarks  <div style="border: 1px solid black; padding: 5px; height: 40px; width: 100%;"> </div>	
		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual	Townsend and Townsend and Crew LLP Scott L. Ausenhus Reg. No. 42,271	
Signature		
Date	January 28, 2004	

CERTIFICATE OF MAILING			
Express Mail Label: EV 325767658 US			
I hereby certify that this correspondence is being deposited with the United States Postal Service with "Express Mail Post Office to Address" service under 37 CFR 1.10 on this date January 28, 2004 and is addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450			
Typed or printed name	Tara N. Damhoff		
Signature			
	Date	January 28, 2004	

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2004



# 61 FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

860

Complete if Known

RECEIVED

Application Number	09/688,017
Filing Date	October 13, 2000
First Named Inventor	Lu, Peter S.
Examiner Name	Belyavskyi, Michail-A.
Art Unit	1644
Attorney Docket No.	020054-001110US

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None

Deposit Account:

Deposit Account Number

20-1430

Deposit Account Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity

Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$0)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Fee from below	Fee Paid
Total Claims	7	-30** = 0 X\$9	\$0
Independent Claims	1	-9** = 0 X\$43	\$0
Multiple Dependent		X	

Large Entity

Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$0)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1051	130		2051	65	Surcharge - late filing fee or oath	
	1052	50		2052	25	Surcharge - late provisional filing fee or cover sheet	
	1053	130		1053	130	Non-English specification	
	1812	2,520		1812	2,520	For filing a request for reexamination	
	1804	920*		1804	920*	Requesting publication of SIR prior to Examiner action	
	1805	1,840*		1805	1,840*	Requesting publication of SIR after Examiner action	
	1251	110		2251	55	Extension for reply within first month	475
	1252	420		2252	210	Extension for reply within second month	
	1253	950		2253	475	Extension for reply within third month	
	1254	1,480		2254	740	Extension for reply within fourth month	
	1255	2,010		2255	1,005	Extension for reply within fifth month	
	1401	330		2401	165	Notice of Appeal	
	1402	330		2402	165	Filing a brief in support of an appeal	
	1403	290		2403	145	Request for oral hearing	
	1451	1,510		1451	1,510	Petition to institute a public use proceeding	
	1452	110		2452	55	Petition to revive - unavoidable	
	1453	1,330		2453	665	Petition to revive - unintentional	
	1501	1,330		2501	665	Utility issue fee (or reissue)	
	1502	480		2502	240	Design issue fee	
	1503	640		2503	320	Plant issue fee	
	1460	130		1460	130	Petitions to the Commissioner	
	1807	50		1807	50	Petitions related to provisional applications	
	1806	180		1806	180	Submission of Information Disclosure Stmt	
	8021	40		8021	40	Recording each patent assignment per property (times number of properties)	
	1809	770		2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
	1810	770		2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
	1801	770		2801	385	Request for Continued Examination (RCE)	385
	1802	900		1802	900	Request for expedited examination of a design application	
	Other fee (specify) _____						

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$860)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Scott L. Ausenhus	Registration No. (Attorney/Agent)	42,271	Telephone	303-571-4000
Signature				Date	January 28, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



**Request  
For  
Continued Examination (RCE)  
Transmittal**

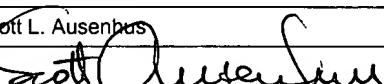
Address to:  
Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

<i>Application Number</i>	09/688,017
<i>Filing Date</i>	October 13, 2000
<i>First Named Inventor</i>	Lu, Peter S.
<i>Art Unit</i>	1644
<i>Examiner Name</i>	Belyavskyi, Michail A.
<i>Attorney Docket Number</i>	020054-001110US

**This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.**  
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

<p><b>1. Submission required under 37 CFR 1.114</b> Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).</p>	
<p>a. <input type="checkbox"/> Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.</p> <p>i. <input type="checkbox"/> Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____</p> <p>ii. <input type="checkbox"/> Other _____</p>	
<p>b. <input checked="" type="checkbox"/> Enclosed</p> <p>i. <input checked="" type="checkbox"/> Amendment/Reply</p> <p>ii. <input type="checkbox"/> Affidavit(s)/ Declaration(s)</p> <p>iii. <input type="checkbox"/> Information Disclosure Statement (IDS)</p> <p>iv. <input type="checkbox"/> Other _____</p>	
<p><b>2. Miscellaneous</b></p> <p>a. <input type="checkbox"/> Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)</p> <p>b. <input type="checkbox"/> Other _____</p>	
<p><b>3. Fees</b> The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.</p> <p>a. <input checked="" type="checkbox"/> The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 20-1430</p> <p>i. <input checked="" type="checkbox"/> RCE fee required under 37 CFR 1.17(e)</p> <p>ii. <input checked="" type="checkbox"/> Extension of time fee (37 CFR 1.136 and 1.17)</p> <p>iii. <input type="checkbox"/> Other _____</p> <p>b. <input type="checkbox"/> Check in the amount of \$ _____ enclosed</p> <p>c. <input type="checkbox"/> Payment by credit card (Form PTO-2038 enclosed)</p>	
<p style="text-align: center;"><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization of PTO-2038.</b></p>	

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

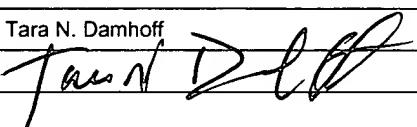
Name (Print /Type)	Scott L. Ausenbacher	Registration No. (Attorney/Agent)	42,271
Signature		Date	January 28, 2004

**CERTIFICATE OF MAILING OR TRANSMISSION**

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Name (Print /Type)	Tara N. Damhoff		Date	January 28, 2004
Signature				

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## Instruction Sheet for RCEs

(not to be submitted to the USPTO)

### NOTES:

An RCE is not a new application, and filing an RCE will not result in an application being accorded a new filing date.

#### **Filing Qualifications:**

The application must be a utility or plant application filed on or after June 8, 1995. The application cannot be a provisional application, a utility or plant application filed before June 8, 1995, a design application, or a patent under reexamination. See 37 CFR 1.114(e).

#### **Filing Requirements:**

***Prosecution in the application must be closed.*** Prosecution is closed if the application is under appeal, or the last Office action is a final action, a notice of allowance, or an action that otherwise closes prosecution in the application (e.g., an Office action under *Ex parte Quayle*). See 37 CFR 1.114(b).

***A submission and a fee are required at the time the RCE is filed.*** If reply to an Office action under 35 U.S.C. 132 is outstanding (e.g., the application is under final rejection), the submission must meet the reply requirements of 37 CFR 1.111. If there is no outstanding Office action, the submission can be an information disclosure statement, an amendment, new arguments, or new evidence. See 37 CFR 1.114(c). The submission may be a previously filed amendment (e.g., an amendment after final rejection).

### WARNINGS:

#### **Request for Suspension of Action:**

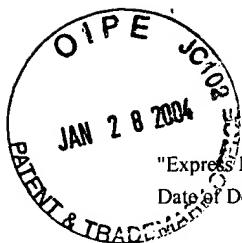
All RCE filing requirements must be met before suspension of action is granted. A request for a suspension of action under 37 CFR 1.103(c) does not satisfy the submission requirement and does not permit the filing of the required submission to be suspended.

#### **Improper RCE will NOT toll Any Time Period:**

***Before Appeal*** – If the RCE is improper (e.g., prosecution in the application is not closed or the submission or fee has not been filed) and the application is not under appeal, the time period set forth in the last Office action will continue to run and the application will be abandoned after the statutory time period has expired if a reply to the Office action is not timely filed. No additional time will be given to correct the improper RCE.

***Under Appeal*** – If the RCE is improper (e.g., the submission or the fee has not been filed) and the application is under appeal, the improper RCE is effective to withdraw the appeal. Withdrawal of the appeal results in the allowance or abandonment of the application depending on the status of the claims. If there are no allowed claims, the application is abandoned. If there is at least one allowed claim, the application will be passed to issue on the allowed claim(s). See MPEP 1215.01.

See MPEP 706.07(h) for further information on the RCE practice.



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Date of Deposit January 28, 2004

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P.O. Box 1450  
Alexandria, VA 22313-1450

By: 

Tara N. Damhoff

**AMENDMENT UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE –  
EXAMINING GROUP 1644**

**PATENT**  
Attorney Docket No.: 020054-001110US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

LU et al.

Application No.: 09/688,017

Filed: October 13, 2000

For: MOLECULAR INTERACTIONS  
IN HEMATOPOIETIC CELLS

Customer No.: 20350

Confirmation No. 7473

Examiner: Belyavskyi, Michail A.

Art Unit: 1644

**AMENDMENT UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE EXAMINING  
GROUP 1644**

**Mail Stop RCE**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is filed in response to the Office Action mailed July 28, 2003 and as part of a Request for Continued Examination. The original deadline for response was October 28, 2003. A three month petition for extension of time is enclosed, thus extending the deadline to January 28, 2004. Accordingly, this response is timely filed.

**Amendments to the Specification** begin on page 3 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

Appl. No. 09/688,017  
Amdt. dated January 28, 2004  
Amendment under 37 CFR 1.116 Expedited Procedure  
Examining Group

PATENT

**Remarks/Arguments** begin on page 6 of this paper.